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DESCRIPTORS: *Water waves, *Hydrodynamics,
Beaches, Sedimentation, Models (Simulations),
Equations, Tests.

The conditions under which wave action will produce a
foreshore profile of equilibrium were investigated by
laboratory experimentation; and it was established that
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Scientific - Geophysics

Sep 53 CTS

5614

The Transparency of Ice to Ultraviolet Solar
Radiation, by N. E. Kalitin, 16 pp.

RUSSIAN, per, Trudy Inst Arkticheskii, Vol XXXIX,
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Amer Meteorol Soc
AF L. G. Hanscom Field
Res Div, Bedford, Mass
T-R- 313

Sci - Geophysics
Jan 61

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AT- Cambridge Res Center
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Certain Data On the Hydrology Of the Strait of
Motochkin Shar, by N. T. Chernigovsky. UNCLASSIFIED

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1936, pp 7-18.

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CTC 62-22127

Scientific - Geophysics

11,927

CTS/DEY

Reindeer Pastures of the Anadry District,
by V. N. Vasil'yev, 52 pp.

RUSSIAN, per, Trudy Arkt Inst, Vol LXII,
1936, pp 20-87.

25,317

CIA/FDD/X-1730

USSR -

Geographic -

Scientific - Geophysics

Jul 55 CTS

PC-4

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Reindeer Husbandry, by B. N. Gorodkov, 23 pp.

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RUSSIAN, ~~USSR~~, Trudy Arkticheskogo Instituta,
Vol LXXII, 1936, pp 42, 45, 90, 93, 149, 204,
205, 206, 209, 210, 211, 214, 219, 220, 270, 271,
272, 273, 274, 279, 278,
80

JPRS-L-1773-D

USSR
Geog
Jul 59

92, 885

... on the Right Bank of the Popyay River,
Y. D. Aleksandrova. UNCLASSIFIED

... per, Trudy Arktika Inst, Vol LXIII,
Leningrad, 1937, pp 161-207.

ATIC F-TS-8269

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Scientific - Geophysics

Jun 54 CTS

Geological Sketch of the Chukot (Chukchee)
District, by V. N. Saks, 23 pp.

RUSSIAN, per, Trudy Arkticheskogo Inat, Vol LXXXVII,
1937, pp ~~12, 13~~ 12, Leningrad.

CIA/FDII/X-1739

25,302

USSR -

~~Geographic~~ Geographic -
Scientific - Geophysics

Jul 55 CTS

Geological Sketch of the Lena-Indigirka District,
by T. N. Spizharskiy, 8 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst, Vol LXXXVII,
1937, pp ~~313-351~~ 347-351.

CIA/FDD/X-1737

USSR -

Geographic -

Scientific - Geophysics

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Jul 55 CTS

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District, -C. Stratigraphy - Cambrian and
Pre-Cambrian Deposits, 13 pp.

RUSSIAN, per, Trudy Arkticheskogo Inst,
Vol LXXXVII, 1937, pp 367-444.

CIA/FDD/X-1733

USSR -

Geographic -

Scientific - Geophysics

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Jul 55 CTS

Stationary Temperature Field Around a Regular
Hexagonal Prism of Infinite Length Immersed in an
Unlimited Homogeneous Medium, by S. M. Sheinmann,
9 pp UNCLASSIFIED.

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pp 33-38.

Sci Tr Center
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Scientific - Physics

15,373

Airplane Landings on Ice, by K. A. Moskatov, 22 pp.

RUSSIAN, per, Trudy Arkticheskogo Instituta, Vol
IX, 1938, pp 43-55. *C 1A D-146083*

Air Res and Dev Command

HQ, Air Weather Service,
A-2, Tech Res Files
629.136/M91

Scientific - Aeronautics
Geophysics

21,327

Thickness of Kara Sea Ice, its Structure and Porosity
According to Data Collected by the Expedition of the
Ice-Going Steamer "Malygin" in 1934., by V. I.
Arnol'd-Alyab'ev, 62 pp UNCLASSIFIED

RUSSIAN, per, Trudy Ark Instit, Vol CX, 1938,
pp 57-81.

Sci Tr Center
RT-1132

Scientific - Geophysics

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Quaternary Period in the Soviet Arctic, by
V. N. Saks.
RUSSIAN, per, Trudy Arkticheskogo Nauchno-Issled.
Instituta, Vol 201, 1945, pp 12-17: 62-74.
Dept of Navy/NOO tr 5326

Sci/Earth Sci
May 67

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Upper Triassic Paleocypods from the
Kolymaindigirka District: Excerpts,
by L. Kiparisova, 6 pp.
RUSSIAN, per, Trudy Arkkticheski i
Antarkticheski Nauchnoissledovatel'skii
Institut, Vol 30, 1936, pp 71-136.
ATS-LONDON

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Sci
Aug 67

APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880021-6

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CIA-RDP84-00581R000300880021-6

Moskatov, K. A.
AIRPLANE LANDINGS ON ICE (O Posadke Samoletov
na Led) tr. by Michael M. Dane and others. 27 Sep 54
[26]p. 4 refs.
Order from OTS or SLA \$2. 60 63-15594

Trans. of Arkticheski [i Antarkticheski Nauchno-
Issledovatel'skii] Institut. (Trudy (USSR) 1938, v. 110,
p. 43-55.
Another trans. is available from SLA as R-4406, 24p.

DESCRIPTORS: *Arctic regions, *Landing fields,
*Ice islands, *Airplane landings, Landing gear, Skis,
Ice, Physical properties, *Sea water, Salinity.

(Engineering--Aeronautical, TT, v. 9, no. 9)

63-15594

- I. Moskatov, K. A.
- II. American Meteorological
Society, Boston, Mass.
- III. AD-47 807
- IV. Contract AF 19(604)203

Office of Technical Services

SOME PROBLEMS OF THE THEORY OF THE FORMATION
AND EVOLUTION OF STRATIFORM CLOUDS, BY
L. T. MATVEYEV, 39 PP.

RUSSIAN, PER, TRUDY ARKTICHESKIY I ANTARKT
NAUCH-ISSLED INST, VOL CCXXVIII, NO 1, 1959,
PP 14-37. 9677001

AMER METEOROL SOC T-R-372

SCI - GEOPHYS
SEP 62

209,690

Turbulent Heat Exchange Between an Ice Cover
and the Atmosphere, by YU. P. Doronin, 15 pp.

RUSSIAN, per, Trudy Arkticheskii i Antarkticheskii
Nauchno-Issledovatel'skii Institut, Vol CCXVII,
1959, Leningrad, pp 15-29.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,828

Berpalov, D. P. ON THE HEAT EXCHANGE BETWEEN ATMOS- PHERE AND OCEAN IN THE CENTRAL ARCTIC [O Teploobmen Mezhdu Atmosferoi i Okeanom v Tsentral'noi Arktike]. [1961] [9]p. (5 figs. formulae omitted) 6 refs. [DSIR LLU] M 2723. Order from OTS or SLA \$1. 10	61-23341 I. Berpalov, D. P. II. DSIR LLU M 2723 III. 61-15125 cancelled
Trans. of ~~Arkticheski~~ ~~Antarkicheski~~ Nauchno- Issledovatel'skii Institut ~~(Trudy)~~ (USSR) 1959, v. 226, p. 30-41. Another trans. is available from LC or SLA mi\$2. 40, pb\$1. 30 as 61-13563, AmMetSoc-T-R-283, Apr 60 [16]p.	15125
DESCRIPTORS: *Atmosphere, *Heat transfer, *Ocean, Temperature, Arctic regions.	Office of Technical Services
(Earth Sciences--Meteorology, TT, v. 6, no. 12)	

61-23337

Lakhtman, D. L.
SOME LAWS OF THE HEAT REGIME OF THE
CENTRAL ARCTIC [Nekotorye Zakonomernosti
Teplovoego Rezhima Tsentral'noi Arkiki]. [1961] 7 p.
(formulae omitted) 3 refs. [DSIR LLU] M.2729.
Order from OTS or SLA \$1.10 61-23337

I. Lakhtman, D. L.
II. DSIR LLU M.2729
III. 61-15131 canceled

Trans. of Arkki[cheskii] i Antarki[cheskii] Nauch[no]-
Issled[ovatel'skii] Inst[itut] i Izv[estiya] (USSR) 1959,
v. 226, p. 42-47.
Another trans. is available from LC or SLA at \$1.60.
pb \$1.80 as 61-13855, AmMetSoc-T-R-302, Apr 60
[9p].

DESCRIPTORS: Temperature, Arctic regions, *Atmos-
phere, *Oceans, Ice, *Heat transfer, Surface tempera-
tures.

An appraisal is provided of the annual mean com-
(Metallurgy, TT, v. 6, no. 12). (over)

Office of Technical Services

62-32931

Matveev, L. T.
SOME PROBLEMS OF THE THEORY OF THE
FORMATION AND EVALUATION OF STRATIFORM
CLOUDS (Nekotorye Voprosy Teorii Obrazovaniya i
Evolutsii Sloistoobraznoi Oblachnosti) tr. by
R. M. Holden. Nov 61 [41]p. 19 refs.

AmMetSoc T-R-372. , AD-283 534.

Order from OTS or SLA \$4. 60 62-32931

Trans. of Arkticheski i Antarkticheski Nauchno-
Issledovatel'skii Institut. (Trudy) 1959, v. 228, p. 14-37.
Another trans. is available from OTS or SLA \$13. 50
in 61-28620, JPRS-10330, 5 Oct 61 [197]p.

DESCRIPTORS: *Clouds, Stratification, *Air mass
analysis, Height finding, *Atmosphere, Boundary layer,
Moisture, Heat transfer, Turbulence, Wind, Velocity,
Meteorological data, Theory.

(Earth Sciences--Meteorology, TT, v. 9, no. 4)

- I. Matveev, L. T.
- II. AmMetSoc-T-R-372
- III. American Meteorological
Society, Boston, Mass.
- IV. Contract AF 19(604)6113
- V. AD-283 534

Office of Technical Services

The Question of the Wind Drift of Ice, by M. M.
Zinov'eva, T. A. Belik, 8 pp.

RUSSIAN, per, Trudy Arkticheskiy i Antarkticheskiy
Nauchno-Issledovatel'skiy Institut, Vol XX CCKVI, No 226,
1959, Leningrad, pp 136-141. 9658725

Amer Meteorol Soc
AF Cambridge Res Center
TR-277

Sci - Geophysics

May 60

115,829

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APPROVED FOR RELEASE: Thursday, December 13, 2001

CIA-RDP84-00581R000300880021-6

Zabrodekii, G. M. and Morachevskii, V. G.
 STUDY OF THE TRANSPARENCY OF CLOUDS AND
 FOGS (Issledovanie Prozhrachnosti Oblakov i Tumanov)
 tr. by David Kraus. June 61 [28]p. 9 refs.
 AmMetSoc-T-R-364+; AD-287 216.
 Order from OTS or SLA \$2.60

62-33767

Trans. of Arkticheskii i Antarkticheskii Nauchno-
 Issledovatel'skii Institut. Trudy (USSR) 1959, v. 228,
 p. 68-86.
 Other translations are available from ATS \$26.95 as
 ATS-27M45R [1960] 20p. and from OTS or SLA \$13.50
 in 61-28620, JPRS-10330, 5 Oct 61 [197]p.

DESCRIPTORS: *Clouds, *Fog, Light, Transmission,
 Scattering, Measurement, Photometers.

(Earth Sciences--Meteorology, TT, v. 9, no. 11)

62-33767

- I. Zabrodekii, G. M.
- II. Morachevskii, V. G.
- III. AmMetSoc-T-R-364
- IV. AD-287 216
- V. American Meteorological
Society, Boston, Mass.
- VI. Contract AF 19(604)6113

Office of Technical Services

61-28827

Vorontsov, P. A. and Selitskaya, V. I.
THE VERTICAL STRUCTURE OF SUMMER FOG IN
THE DICKSON ISLAND REGION (Vertikal'noe
Stroenie Lernikh Tumanov v Raione O. Diksona) tr. by
Burton J. Hobson. June 61 [18]p. 5 refs. AmMetSoc-
T-R-368+; AD-264 582.
Order from OTS or SLA \$1.60

61-28827

Trans. of Arkticheskii i Antarkicheskii Nauchno-
Issledovatel'skii Institut. Trudy (USSR) 1959, v. 223,
no. 1, p. 87-99.

DESCRIPTORS: Sources, *Fog, Arctic regions,
Kara Sea, *Meteorological data, Measurement,
Meteorological balloons, Wind direction indicators,
Moisture, Temperature inversion, Recording devices,
Radiosondes.

During the summer of 1957 sea and monsoon types of
(Earth Sciences--Meteorology, TT, v. 7, no. 9) (over)

- I. Vorontsov, P. A.
- II. Selitskaya, V. I.
- III. AmMetSoc-T-R-368
- IV. American Meteorological
Society, Boston, Mass.
- V. Contract AF 19(604)6113
- VI. AD-264 582

Office of Technical Services

61-28824

Morachevskii, V. G. and Nikandrov, V. Ya.
EFFECTIVENESS OF CO₂ PARTICLES AND AgI
SMOKE FOR DISPERSING SUPERCOOLED LOW
CLOUDS AND FOGS (Effektivnost' Chastits CO₂ i
Dyma AgI dlia Rasselivaniya Pereokhlazhdennykh
Oblovkov i Tumanov) tr. by David Kraus. Apr 61
[16]p. 6 refs. AmMetSoc-T-R-355*; AD-264 576.
Order from GTS or SLA \$1.60 61-28824

Trans. of Arkticheski i Antarkicheski Nauchno-
Issledovatel'skii Institut Trudy (USSR) 1959, v. 228,
no. 1, p. 135-145.

Another trans. is available from ATS \$12.95 as
ATS-21M41R [1960] 13p.

DESCRIPTORS: *Aerosols, *Carbon dioxide, Solidified
gases, Particles, Silver compounds, Iodides, Smokes,
Smoke generators, Meteorology, *Artificial precipita-
tion, Clouds, Fog, Arctic regions.
(Earth Sciences--Meteorology, TT, v. 7, no. 3)(over)

- I. Morachevskii, V. G.
- II. Nikandrov, V. Ya.
- III. AmMetSoc-T-R-355
- IV. American Meteorological
Society, Boston, Mass.
- V. Contract AF 19(604)6113
- VI. AD-264 576

Office of Technical Services

61-28825

Nikandrov, V. Ya.
SOME DATA ON THE WATER CONTENT OF FOGS
IN THE ARCTIC (Nekotorye Dannye o Vodnosti
Tumanov v Arktike) tr. by Richard M. Holden. May 61
[5]p. 1 ref. AmMetSoc-T-R-359; AD-264 577.
Order from DTS or SLA \$1.10

61-28825

Trans. of Arkticheskii i Antarkhticheskii Nauchno-
Issledovatel'skii Institut. Trudy (USSR) 1959, v. 228,
no. 1, p. 146-148.

Another trans. is available from ATS \$6.65 as
ATS-22M41R [1960] 4p.

DESCRIPTORS: *Atmosphere, *Fog, *Iced fog,
Moisture, Abundance, Climatic factors, Heat transfer,
Arctic regions.

(Earth Sciences--Meteorology, TT, v. 7, no. 4)

- I. Nikandrov, V. Ya.
- II. AmMetSoc-T-R-359
- III. American Meteorological
Society, Boston, Mass.
- IV. Contract AF 19(604)6113
- V. AD-264 577

ATS/AT-2242

Office of Technical Services

Voskresenskiĭ, A. I. and Morachevskii, V. G.
AIRPLANE APPARATUS FOR MODIFYING SUPER-
COOLED CLOUDS AND FOGS (Apparatura dlya
Vozdeistviya na Pereokhlazhdennye Oblaka i Tumany s
Samoletta) tr. by David Kraus. Mar 61 [11]p. 4 refs.
AmMetSoc-T-R-349 + ; AD-264 575.
Order from OTS or SLA \$1.60

61-28823

Trans. of Arkticheskiĭ i Antarkicheskiĭ Nauchno-
Issledovatel'skii Institut. Trudy (USSR) 1959, v. 228,
no. 1, p. 155-161.

Another trans. is available from ATS \$12.65 as
ATS-24M41R [1960] 8p.

DESCRIPTORS: Airplanes, *Smoke generators,*Arti-
ficial precipitation, Fog, Clouds, Arctic regions,
Silver compounds, Iodides, Sublimation, Smokes,
*Aerosols, Carbon dioxide, Solidified gases,
Meteorology.
(Earth Sciences--Meteorology, TT, v. 7, no. 4)

61-28823

- I. Voskresenskiĭ, A. I.
- II. Morachevskii, V. G.
- III. AmMetSoc-T-R-349
- IV. American Meteorological
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The Planetary Distribution of Magnetic
Ionospheric Disturbances, by A. P.
Nikol'skiy, 26 pp.

RUSSIAN, per, Trudy Arkicheskogo i
Antarkticheskogo Nauchno-Issledovatel'skogo
Institute, Vol CCXXIII, No 3, 1960, pp 5-20.
9677208

FTD-TT-61-307

Sci - Geophys, Astron
18 Jun 62

201,154

Radar Determination of Some Ocean-Wave Elements
by V. V. Dremlyug.
RUSSIAN, per, Arktich i Antarktich Nauchno-
Issled Inst Trudy, No 210, 1960, pp 135-138.
Dept of Navy API/JHU TG 230-T551

Sci
Dec 68

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62-18849

Ol', A. I.
ON THE ASSOCIATION OF THE VARIATION OF COS-
MIC RAYS IN HIGH LATITUDES WITH SOLAR AC-
TIVITY AND GEOMAGNETIC DISTURBANCES. [1962]
[74]p. 34 refs.

Free copies available from Boeing Scientific Research
Labs. Library as Boeing Trans. R15. When supply is
exhausted, order from OTS or SLA \$7.60, 62-18849

Trans. of Arkicheski i Antarkicheski Nauchno-
Issledovatel'skii Institut, Trudy (USSR) 1960, v. 223,
p. 110-149.

DESCRIPTORS: *Cosmic rays, Intensity, Diurnal vari-
ations, Solar flares, Geophysics, Terrestrial mag-
netism, Magnetic storms, Mesons, Neutrons, Arctic
regions.

(Astronomy--Astrophysics, TT, v. 9, no. 4)

- I. Ol', A. I.
- II. Boeing Trans-R15
- III. Boeing Scientific Research
Labs., Seattle, Wash.

Office of Technical Services

NAUCH-ISSLEU INSTITUT, YU. OCA, NO. 1, 1964, P. 100-101.
JPRS 24294

Sci-Ear Sci
Apr 64

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